



1645

P#8

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Felsch, et al.

Art Unit : 1645

Serial No. : 10/029,009

Examiner : Unknown

Filed : December 19, 2001

Title : AFFINITY SELECTION-BASED SCREENING OF HYDROPHOBIC PROTEINS

Commissioner for Patents

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Copies of the references listed on the attached form PTO-1449 are enclosed. A copy of a communication from a foreign patent office in a counterpart application is also enclosed.

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: September 18, 2003

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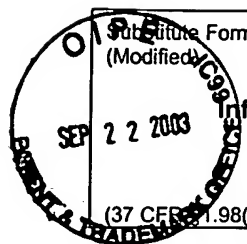
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 Attorney's Docket No.
10845-033001

 Application No.
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**Information Disclosure Statement
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(Use several sheets if necessary)

(37 CFR 1.98(b))

 Applicant
Felsch, et al.

 Filing Date
December 19, 2001

 Group Art Unit
1645

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U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
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Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AA	WO 94/21665		WIPO				
	AB	WO 95/02611		WIPO				
	AC	WO 99/35109		WIPO				
	AD	WO 99/36537		WIPO				
	AE	WO 99/64050		WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AF	Bruce, et al., "Bio-Affinity Characterization Mass Spectrometry", Rapid Communications in Mass Spectrometry, Vol. 9, pp. 644-650 (1995).
	AG	Hauser, "Short-chain phospholipids as detergents", Biochimica et Biophysica Acta, 1508, pp. 164-181 (2000).
	AH	Kaur, et al., "Affinity Selection and Mass Spectrometry Based on Strategies to Identify Lead Compounds in Combinatorial Libraries", Journal of Protein Chemistry, Vol. 16, No. 5 pp. 505-511 (1997).
	AI	Le Maire, et al., "Interaction of Membrane Proteins and Lipids with Solubilizing Detergents", Biochimica et Biophysica Acta, 1508, pp. 86-111 (2000).
	AJ	Schafmeister, et al., "Structure at 2.5 Å of a designed peptide that maintains solubility of membrane proteins" Science, 262, pp. 734-738 (1993).
	AK	Tribet et al., "Amphipols: polymers that keep membrane proteins soluble in aqueous solutions", Proc. Natl. Acad. Sci. USA, 93, pp. 15047-15050 (1996).
	AL	Whitelegge, et al., "Toward the bilayer proteome, electrospray ionization-mass spectrometry of large, intact transmembrane proteins", Proc. Natl. Acad. Science, USA. Vol. 96, pp. 10695-10698, September (1999).
	AM	Woodbury, Jr., et al., "Methods of Screening Combinatorial Libraries Using Immobilized or Restrained Receptors", Journal of Chromatography B., 725, pp. 113-137 (1999).
	AN	Zhao, et al., "Screening Solution-Phase Combinatorial Libraries Using Pulsed Ultrafiltration/Electrospray Mass Spectrometry", J. Med. Chem., 40, pp. 4006-4012 (1997).

Examiner Signature

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EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.